

Rec'd PCT/PTO 11 MAR 2005

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



10/527608



(43) International Publication Date
25 March 2004 (25.03.2004)

PCT

(10) International Publication Number
WO 2004/025188 A1

(51) International Patent Classification⁷: F24D 17/00,
F24H 1/18, 1/20, F24J 2/04

(21) International Application Number:
PCT/AU2003/001211

(22) International Filing Date:
16 September 2003 (16.09.2003)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
2002951413 16 September 2002 (16.09.2002) AU
2003902024 29 April 2003 (29.04.2003) AU

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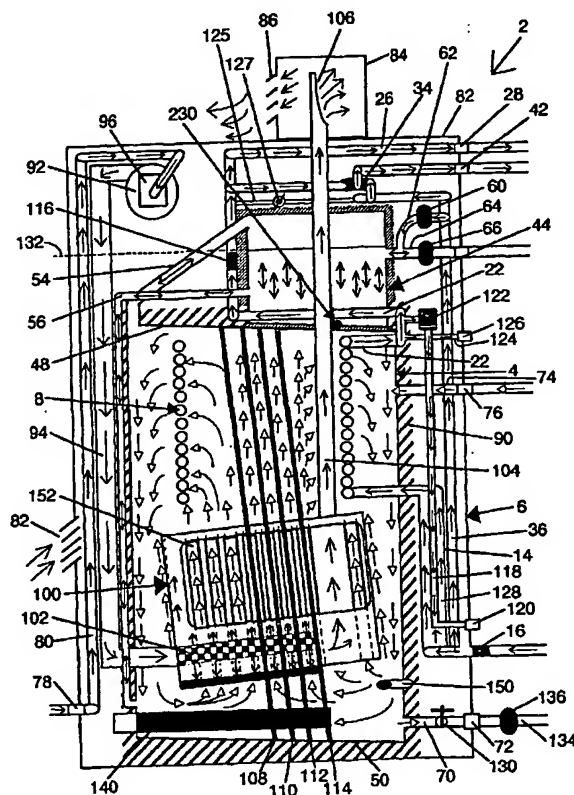
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(81) Designated States (national): AE, AG, AL, AM, AT, AU,
AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU,
CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,
GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK,
MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT,
RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR,
TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

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(54) Title: WATER HEATING APPARATUS



(57) Abstract: Water heating apparatus including:
a storage tank for storing heated water; a gas burner
assembly for heating water in the tank; the gas burner
assembly including: a housing; a gas burner in the
housing; at least one passage through the housing; and
mounting means for mounting the housing in the tank
such that, in use, it is immersed in water within the
tank and wherein, when the gas burner is operated, the
temperature of the housing rises and heat transfer to the
water in the tank occurs and a convection current in the
water flows through the at least one passage to thereby
increase heat transfer to the water.

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